

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK5992-1AL00-8AA0

scalance industrial network module

FUNCTION	FAMILY	ORIGIN	WEIGHT
scalance industrial network module	SIMATIC NET industrial communication	Germany	0.8 kg

Siemens SCALANCE 6GK5992-1AL00-8AA0 is a scalance industrial network module for the SIMATIC NET industrial communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Siemens
Order Number	6GK5992-1AL00-8AA0
Product Type	Scalance Industrial Network Module
Product Family	SIMATIC NET industrial communication
Country of Origin	Germany
Supply Voltage	24 V DC
Network Standard	Industrial Ethernet
Data Rate	10 / 100 Mbit/s
Port Function	Managed communication
Mounting	DIN rail or panel

ADDITIONAL PRODUCT DATA

Connector Check	Keying and pin condition
Grounding Check	Protective earth continuity
Configuration Record	Saved engineering project
Diagnostic Check	Module status and fault memory
Commissioning Test	Controlled functional test

OFFICIAL APPLICATIONS

- Use 6GK5992-1AL00-8AA0 in its documented control function: Apply 6GK5992-1AL00-8AA0 in the specified SIMATIC NET industrial communication position and confirm the complete Siemens order number, installed hardware revision, power supply and approved engineering project before service.
- Record the installed interface arrangement: Photograph terminal labels, connector keying, network or signal cabling, shields, protective earth and neighboring modules. Preserve the documented slot and configuration during exchange.
- Test the affected automation function: After fitting 6GK5992-1AL00-8AA0, restore the controlled project, review module diagnostics and test the affected I/O, HMI, network, weighing or drive function at a safe operating point. Record final acceptance results.

SYSTEM COMPATIBILITY

Match 6GK5992-1AL00-8AA0 to the installed SIMATIC NET industrial communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall product documentation](https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK5992-1AL00-8AA0)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK5992-1AL00-8AA0>

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